

ENERGY STORAGE SYSTEM CABINET

EESB-LI261-02

KEY FEATURES



All-in-one design



Remote operation and maintenance (OTA upgrade)



Data storage (Fault recording)



Safer (cluster level/PCS/high voltage box/distribution box four-level protection)



AUX GROUP

Established in 1986. AUX Group is an enterprise which covers 5 industries. It ranked China's top 500 enterprises for consecutive years, 40000+ employees keep AUX fast development for recent years.



Assets

\$12.4 B

Business Industries

500 40000+ China's Top Employees



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Cell type LEP 3.2V/314Ah Battery pack configuration 1P525/52.25kWh Battery system configuration 1P260S Battery voltage range DC 728V-DC 936V Battery system capacity 261kWh Discharge rate *0.5P **AC SIDE** Pes power 125kW Pes cooling method Air-cooled AC side voltage 386V AC, -20% - +15% AC wiring Three-phase Four-wire (PF)Factor 1-1 (Lead) ~ 1 (Lag) Thidi (power rating) Wire entry at the bottom of the cabinet **SYSTEM PARAMETERS** Thermal management Liquid Cooling Fire protection system Protection level Corrosion protection level Allowable ambient temperature Allowable ambient temperature Allowable ambient thumidity Methods of communication MODBUS-TCP Dimensions (I'w'h) 1400mm*1063mm*2400mm Weight Max. operating altitude AC220V (internal integrated) Auxiliary electricity AC220V (internal integrated)	DC SIDE	
Battery system configuration Battery voltage range DC 728V-DC 936V Battery system capacity 261kWh Discharge rate 30.5P AC SIDE Pes power 125kW Pes cooling method Air-cooled AC side voltage 380V AC, -20% - +15% AC wiring Three-phase Four-wire (PF)Factor 1 (Lead) - 1 (Lag) Thdi (power rating) Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Liquid Cooling Fire Detection + Perfluorohexanone Protection level Corrosion protection level Corrosion protection level Allowable ambient temperature Charge: 0-55°C, Discharge: -20-55°C Allowable ambient humidity 5%-95%RH (no condensation) Methods of communication MODBUS-TCP Dimensions (I'w'h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude	Cell type	LFP 3.2V/314Ah
Battery voltage range Battery system capacity Discharge rate AC SIDE Pcs power Pcs cooling method AC side voltage AC wiring Three-phase Four-wire (PF)Factor Thdi (power rating) Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Fire protection system Protection level Corrosion protection level Allowable ambient temperature Allowable ambient humidity Methods of communication Modbus-TCP Dimensions (I'w'h) Weight Max. operating altitude AC SIDE AC SIDE Allowable according to the substance of the cabinet Allowable according to the cabinet Allowable ambient temperature Allowable ambient humidity Approx. 2800kg Max. operating altitude AC SIDE Alive Al	Battery pack configuration	1P52S/52.25kWh
Battery system capacity Discharge rate \$0.5P AC SIDE Pes power Pes cooling method Air-cooled AC side voltage AC wiring Three-phase Four-wire (PF)Factor Thidi (power rating) Wire entry method SYSTEM PARAMETERS Thermal management Fire protection system Protection level Corrosion protection level Allowable ambient temperature Allowable ambient humidity Methods of communication Dimensions (I'w'h) Weight Max. operating altitude Ajerox. 2800kg Max. operating altitude Approx. 2800kg Max. operating altitude Agrox. 2000m (> 2000m derating)	Battery system configuration	1P260S
Discharge rate AC SIDE Pos power 125kW Pos cooling method AG side voltage AC wiring Three-phase Four-wire (PF)Factor Thidi (power rating) Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Liquid Cooling Fire protection system Fire Detection + Perfluorohexanone Protection level Corrosion protection level Allowable ambient temperature Allowable ambient humidity Methods of communication MODBUS-TCP Dimensions (I'w'h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude	Battery voltage range	DC 728V~DC 936V
Pcs power Pcs cooling method Air-cooled AC side voltage 380V AC, -20% ~ +15% AC wiring Three-phase Four-wire (PF)Factor -1 (Lead) ~ 1 (Lag) Thdi (power rating) √3% Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Fire protection system Protection level Corrosion protection level Allowable ambient temperature Allowable ambient temperature Allowable ambient humidity Methods of communication MODBUS-TCP Dimensions (I*w*h) Max. operating altitude 125kW Asprox. 2800kg Asir-cooled Alir-cooled Asir-cooled Alir-cooled Asir-cooled Alir-cooled Asir-cooled Alir-cooled Alir-cooled Alir-cooled Asir-cooled Alir-cooled Asir-cooled Asir-coole	Battery system capacity	261kWh
Pcs power Pcs cooling method Air-cooled AC side voltage AC side voltage AC wiring Three-phase Four-wire (PF)Factor -1 (Lead) ~ 1 (Lag) Thdi (power rating) Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Liquid Cooling Fire protection system Fire Detection + Perfluorohexanone Protection level C3 Allowable ambient temperature Charge: 0-55°C, Discharge: -20-55°C Allowable ambient humidity S%-95%RH (no condensation) Methods of communication MODBUS-TCP Dimensions (I'w'h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	Discharge rate	≤0.5P
Pcs cooling method AC side voltage 380V AC, -20% - +15% AC wiring Three-phase Four-wire (PF)Factor -1 (Lead) - 1 (Lag) Thdi (power rating) Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Liquid Cooling Fire protection system Fire Detection + Perfluorohexanone Protection level C3 Allowable ambient temperature Charge: 0-55°C, Discharge: -20-55°C Allowable ambient humidity S%-95%RH (no condensation) Methods of communication MODBUS-TCP Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude	AC SIDE	
AC side voltage AC wiring Three-phase Four-wire (PF)Factor -1 (Lead) - 1 (Lag) Thdi (power rating) Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Liquid Cooling Fire protection system Fire Detection + Perfluorohexanone Protection level C3 Allowable ambient temperature Charge: 0-55°C, Discharge: -20-55°C Allowable ambient humidity S%-95%RH (no condensation) Methods of communication Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude	Pcs power	125kW
AC wiring Three-phase Four-wire (PF)Factor -1 (Lead) ~ 1 (Lag) Thdi (power rating) <3% Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Liquid Cooling Fire protection system Fire Detection + Perfluorohexanone Protection level Corrosion protection level C3 Allowable ambient temperature Allowable ambient humidity S%-95%RH (no condensation) Methods of communication MODBUS-TCP Dimensions (I'w¹h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	Pcs cooling method	Air-cooled
(PF)Factor -1 (Lead) ~ 1 (Lag) Thdi (power rating) <3% Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Liquid Cooling Fire protection system Fire Detection + Perfluorohexanone Protection level IP54 Corrosion protection level C3 Allowable ambient temperature Charge: 0-55°C, Discharge: -20-55°C Allowable ambient humidity 5%-95%RH (no condensation) Methods of communication MODBUS-TCP Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	AC side voltage	380V AC, -20% ~ +15%
Thdi (power rating) Wire entry method Wire entry at the bottom of the cabinet SYSTEM PARAMETERS Thermal management Liquid Cooling Fire protection system Fire Detection + Perfluorohexanone Protection level C3 Allowable ambient temperature Charge: 0-55°C, Discharge: -20-55°C Allowable ambient humidity S%-95%RH (no condensation) Methods of communication MODBUS-TCP Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	AC wiring	Three-phase Four-wire
Wire entry method SYSTEM PARAMETERS Thermal management Liquid Cooling Fire protection system Protection level Corrosion protection level Allowable ambient temperature Allowable ambient humidity Methods of communication Modbus-TCP Dimensions (I*w*h) Weight Max. operating altitude Wire entry at the bottom of the cabinet Liquid Cooling Fire Detection + Perfluorohexanone C3 Charge: 0-55°C, Discharge: -20-55°C Allowable ambient humidity 5%-95%RH (no condensation) MODBUS-TCP Dimensions (I*w*h) Approx. 2800kg ≤ 2000m (> 2000m derating)	(PF)Factor	-1 (Lead) ~ 1 (Lag)
Thermal management Liquid Cooling Fire protection system Protection level Corrosion protection level Allowable ambient temperature Allowable ambient humidity Methods of communication Modbus-TCP Dimensions (I*w*h) Max. operating altitude Liquid Cooling Liquid Cooling Fire Detection + Perfluorohexanone IP54 C3 Charge: 0-55°C, Discharge: -20-55°C 5%-95%RH (no condensation) MODBUS-TCP 1400mm×1063mm×2400mm Approx. 2800kg	Thdi (power rating)	<3%
Thermal management Fire protection system Protection level Corrosion protection level Allowable ambient temperature Allowable ambient humidity Methods of communication Dimensions (I*w*h) Methods of communication Weight Approx. 2800kg Max. operating altitude Fire Detection + Perfluorohexanone IP54 C3 Charge: 0~55°C, Discharge: -20~55°C Allowable ambient temperature Charge: 0~55°C, Discharge: -20~55°C MODBUS-TCP 1400mm×1063mm×2400mm Approx. 2800kg	Wire entry method	Wire entry at the bottom of the cabinet
Fire protection system Protection level Corrosion prote	SYSTEM PARAMETERS	
Protection level Corrosion protection level C3 Allowable ambient temperature Charge: 0~55°C, Discharge: -20~55°C Allowable ambient humidity 5%~95%RH (no condensation) Methods of communication MODBUS-TCP Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	Thermal management	Liquid Cooling
Corrosion protection level C3 Allowable ambient temperature Charge: 0~55°C, Discharge: -20~55°C Allowable ambient humidity 5%~95%RH (no condensation) Methods of communication MODBUS-TCP Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	Fire protection system	Fire Detection + Perfluorohexanone
Allowable ambient temperature Charge: 0~55°C, Discharge: -20~55°C Allowable ambient humidity 5%~95%RH (no condensation) Modbus-TCP Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	Protection level	IP54
Allowable ambient humidity 5%~95%RH (no condensation) Methods of communication MODBUS-TCP Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	Corrosion protection level	C3
Methods of communication MODBUS-TCP Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	Allowable ambient temperature	Charge: 0~55°C, Discharge: -20~55°C
Dimensions (I*w*h) 1400mm×1063mm×2400mm Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	Allowable ambient humidity	5%~95%RH (no condensation)
Weight Approx. 2800kg Max. operating altitude ≤ 2000m (> 2000m derating)	Methods of communication	MODBUS-TCP
Max. operating altitude ≤ 2000m (> 2000m derating)	Dimensions (I*w*h)	1400mm×1063mm×2400mm
	Weight	Approx. 2800kg
Auxiliary electricity AC220V (internal integrated)	Max. operating altitude	≤ 2000m (> 2000m derating)
	Auxiliary electricity	AC220V (internal integrated)